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Dated: _____

Docket No.: 05408/100B998-US2
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:
Leigh E. Walker

Application No.: 10/776,368

Art Unit: 1614

Confirmation No.: 3197

Examiner: TBA

Filed: February 10, 2004

For: IN SITU PROCESS FOR PREPARING
QUATERNARY AMMONIUM
BICARBONATES AND QUATERNARY
AMMONIUM CARBONATES

INFORMATION DISCLOSURE STATEMENT (IDS)Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Copies of the documents listed on the PTO/SB/08 are submitted herewith.

The undersigned is also enclosing herewith a copy of a Search Report issued November 27, 2002 for the PCT counterpart of the present patent application (Application No.

PCT/US02/21236), in which a few of the presently disclosed references were cited. European Patent Publication No. 291,074 is the European counterpart to U.S. Patent No. 4,892,944.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

This Information Disclosure Statement is filed before a first Office Action on the merits of this application has been mailed. Therefore, no fee is believed to be due with this submission. The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Respectfully submitted,

By 

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**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.:
APPLICANT:05408/100B998-US2
Leigh E. WALKERSERIAL NO: 10/776,368
FILING DATE: February 10, 2004
CONFIRMATION NO: 3197**U.S. PATENT DOCUMENTS**

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
	1. 2,635,100	4/14/53	Werntz et al.	260	244	11/15/1949
	2. 3,642,858	2/15/72	Frevel et al.	260	463	2/12/69
	3. 3,803,201	4/9/74	Gilpin et al.	260	463	2/22/71
	4. 4,062,884	12/13/77	Romano et al.	260	462	4/8/76
	5. 4,181,676	1/1/80	Buysch et al.	260	463	8/31/78
	6. 4,572,769	2/25/86	Shimizu	204	59 R	10/26/84
	7. 4,634,509	1/6/87	Shimizu et al.	204	182.4	1/24/86
	8. 4,652,667	4/28/87	Knifton	558	277	7/31/86
	9. 4,661,609	1/1/87	Duranleau et al.	558	277	1/3/86
	10. 4,691,041	9/1/87	Duranleau et al.	558	277	1/3/86
	11. 4,734,518	3/29/88	Knifton	558	277	1/12/87
	12. 4,776,929	10/11/88	Aoyami et al.	204	59 R	11/12/69
	13. 5,091,543	2/25/92	Grey	549	228	10/15/90
	14. 5,214,182	5/25/93	Knifton	558	277	7/1/91
	15. 4,892,944	1/9/90	Mori et al.	544	107	5/11/88
	16. 5,438,034	8/1/95	Walker	504	158	6/9/93
	17. 6,080,789	1/27/00	Lutz	514	642	9/16/97
	18. 5,523,487	5/4/96	Walker	564	296	3/27/95
	19. 5,833,741	11/10/98	Walker	106	2	1/16/97

FOREIGN REFERENCES**(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)***EXAMINER
INITIALS

20. EP 0291074 17/11/88 Mori

LIST OF REFERENCES CITED BY APPLICANT

(Use Several Sheets if Necessary)

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CONFIRMATION NO: 3197*EXAMINER
INITIALS**OTHER REFERENCES****(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)***EXAMINER
INITIALS

21. Chemical Abstract 108:194813
22. Chemical Abstract 109:140942c
23. Chemical Abstract 144:246824j
24. Chemical Abstract 116:58737a
25. Chemical Abstract 116:20680p
26. Chemical Abstract 117:191329f
27. Chemical Abstract 118:168685f
28. Chemical Abstract 112:186941y
29. Chemical Abstract 123:9063p
30. Chemical Abstract 116:83918t
31. Chemical Abstract 108:195813j
32. Chemical Abstract 109:200000f
33. Chemical Abstract 110:212114e
34. Chemical Abstract 112:9801h
35. Chemical Abstract 122:186906r
36. Chemical Abstract 125:186942z
37. Chemical Abstract 114:246809h
38. Chemical Abstract 115:282480y
39. Chemical Abstract 117:214936t
40. Chemical Abstract 117:111138e
41. Chemical Abstract 119:138758k
42. Chemical Abstract 119:141608s
43. Chemical Abstract 118:254406x
44. Chemical Abstract 115:282446s
45. Chemical Abstract 121:230349s
46. Chemical Abstract 117:193966k
47. Chemical Abstract 116:237798t
48. Chemical Abstract 116:193723h
49. Chemical Abstract 112:258494j
50. Chemical Abstract 121:38041u
51. Chemical Abstract 121:179111d
52. Chemical Abstract 121:133543t

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- 53. Chemical Abstract 114:246810b
- 54. Chemical Abstract 95:6499c
- 55. Chemical Abstract 122:160111c
- 56. Chemical Abstract 122:160112d
- 57. Chemical Abstract 122:217155b, and 122:217155c
- 58. Chemical Abstract 118:80498m
- 59. Chemical Abstract 111:23523x
- 60. Chemical Abstract 122:132593t
- 61. "Reactions of Trihalogenated Esters with Triethylamine and Anions", Arlene C. Pierce and Madeleine M.

Joullie, *J. Org. Chem.* Vol. 27, pp. 3968-3973 (1962).

- 62. "Industrial Organic Nitrogen Compounds", ASTLE... Ed; Reinhold Pub. (1961), p. 61.

63. "Reaction of Xanthates with *t*-Amines, VI. The Reaction Mechanism", Hiroshi Yoshida, *Bull. of Chem. Soc. of JP*, Vol. 42, p.1948-1954 (1969).

64. "Zur solvensfreien Darstellung von Tetramethylammoniumsalzen: Synthese und Charakterisierung von et al.", B. Altert und M. Jansen, *Z. Anorg. Allg. Chem.* 621, p. 1735-1740 (1995).

- 65. "The Rate of Addition of Methyl Esters to Trimethylamine", *JACS* 55:4079-4089 (Oct. 1933).

66. Yagi, O. et al.: "Synthesis of pure tetramethylammonium hydroxide solution free from chloride ion by the electrolysis of its hydrogen carbonate" *CHEMISTRY LETTERS*, vol. 12, 1993, pages 2041-2044, XP002218995 page 2042; table 1.

67. DATABASE WPI, Section Ch, Week 199141, Derwent Publications Ltd., London, GB; Class E14, AN 1991-298749; XP002218996 & JP 03 197449 A (MITSUI PETROCHEM IND CO LTD), 28 August 1991, abstract.

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*EXAMINER
INITIALS

68. DATABASE WPI, Section Ch, Week 199517, Derwent Publications Ltd., London, GB; Class B05, AN 1995-128295, XP002218997 & JP 07 053478 A (MITSUBISHI GAS CHEM CO INC), 28 February 1995, abstract.

69. Int'l Search Report mailed 27/11/02 for Int's Application No. PCT/US 02/21236.

EXAMINER: _____

DATE CONSIDERED: _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

